

Amino Acid Treatment



INCI name: Stearoyl Glutamic Acid

Code: ASG

Kobo Products offers a new amino acid treatment which can be applied to pigments, lakes and fillers. This **ASG treatment** renders powders hydrophobic; it helps them disperse easily in anhydrous systems and facilitates color development. In formulation, it gives a creamy feel, particularly in powder formulas. When applied on the skin, it imparts a moist feel and promotes skin adhesion. **ASG treatment** is of Natural Origin and some of the treated pigments and fillers have received Ecocert / Cosmos approval.



Applications

Emulsions, hot pours, anhydrous gels, and powders. Materials offered presently include Iron Oxides, Organic Pigments, Titanium Dioxide, Mica, and Non-Nano Zinc Oxide. Formulation examples include a Creamy Pressed Powder and a Liquid Foundation, both employing the ASG treatment for enhanced feel and full color development.

Trade Name	INCI Name	Product type
BRO-ASG3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	Red Iron Oxide
BYO-ASG3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	Yellow Iron Oxide
BBO-ASG3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	Black Iron Oxide
BGCO-ASG4	Chromium Oxide Greens (And) Stearoyl Glutamic Acid	Green Chromium Oxide
BMV-ASG4	Manganese Violet (CI 77742) (And) Stearoyl Glutamic Acid	Manganese Violet
BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	Pigmentary TiO ₂
BLUE 1AL-ASG4	Blue 1 Lake (And) Stearoyl Glutamic Acid	FD&C Blue No. 1 Aluminum Lake
RED 7CA D-ASG4	Red 7 Lake (CI 15850) (And) Stearoyl Glutamic Acid	D&C Red No. 7 Calcium Lake
YELLOW 5AL-ASG4	Yellow 5 Lake (CI 19140) (And) Stearoyl Glutamic Acid	FD&C Yellow No. 5 Aluminum Lake
CELLULOBEADS D-5-ASG3	Cellulose (And) Stearoyl Glutamic Acid	Natural Polymer Microsphere
GMS-ASG3	Mica (And) Stearoyl Glutamic Acid	Sericite
MICA S-ASG3		Mica
A10-TiO2-SA-ASG8	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid (And) Hydrated Silica	UV-Attenuation TiO ₂
ZnO-750-ASG5	Zinc Oxide (And) Stearoyl Glutamic Acid	UV-Attenuation ZnO
ZnO-C-ASG3J		
A1K-TiO2-ASG3	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid	IR-Attenuation TiO ₂
TiO2-IR300-ASG3	Titanium Dioxide (And) Stearoyl Glutamic Acid	



Raw materials approved by COSMOS

Natural Origin Product

KOBO

USA

BRASIL

UK

FRANCE

ASIA PACIFIC



KMU-023B

Natural Eyebrow Filler

Part 1

- **MICA S-ASG3** - Kobo Products:
Mica (And) Stearoyl Glutamic Acid 15.65%
- **ZnO-C-ASG3J** - Kobo Products:
Zinc Oxide (And) Stearoyl Glutamic Acid 15.65%
- **BBO-ASG3** - Kobo Products:
Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid 9.04%
- **MSS-500W** - Kobo Products: *Silica* 7.87%
- **BRO-ASG3** - Kobo Products:
Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid 5.50%
- **BYO-ASG3** - Kobo Products:
Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid 3.14%

Part 2

- **Protachem™ CTG** - Protameen:
Caprylic/Capric Triglyceride 18.37%
- **Cetiol® CC** - BASF:
Dicaprylyl Carbonate 7.60%
- **SunBoost ATB Natural** - Kobo Products:
Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol 4.75%
- **COSMOL™ 43V** - Ikeda:
Polyglyceryl-2 Triisostearate 3.63%
- **Carnauba Wax SP 63P** - Strahl & Pitsch:
Copernicia Cerifera (Carnauba) Wax 0.40%
- **Plandool™-LG1** - Kobo Products:
Phytosteryl/Behenyl/Octylododecyl Lauroyl Glutamate 1.00%

Part 3

- **VegeLight™1214 LC** - Grant Industries, Inc.:
Coconut Alkanes (And) Coco-Caprylate/Caprate 5.00%
- **Polyaldo™ 10-1-0 K FG** - Lonza:
Polyglyceryl-10 Oleate 1.00%
- **Lexgard® Natural** - Inolex:
Glyceryl Caprylate (And) Glyceryl Undecylenate 0.40%

Part 4

- **CELL-U-LASH™ 40** - Kobo Products: *Cellulose* 1.00%

Manufacturing Procedure

1. Blend Part 1.
2. Heat Part 2 to 80°C under propeller agitation.
3. Slowly add Part 1 to Part 2 under prop mixer and start to gradually cool.
4. Slowly add Parts 3 and 4, respectively, to Parts 1 and 2 at 45°C.

Description

This natural eyebrow filler features Kobo's **ASG treated fillers and pigments** which help to impart color, payoff and adhesion to brows. Kobo's silica microsphere, MSS-500W, provides payoff and glide during application. SunBoost ATB Natural is a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents that nourishes brows. Kobo's cellulose fiber, CELL-U-LASH™ 40, fills in brows making them appear more even and covers sparse areas. Plandool™-LG1 improves malleability of the wax complex which increases bulk transfer to the brow.



KCP-041A-BR

Skin Mimetic Compact Foundation

Part 1

- **TEGOSOFT® CT** - Evonik: *Caprylic/Capric Triglycerides* 18.00%
- **Xiameter PMX-200 Silicone Fluid 20CS** - Dow Corning:
Dimethicone 13.00%
- **BTD-ASG2** - Kobo Products: *Titanium Dioxide (And) Stearoyl Glutamic Acid* 7.00%
- **SALACOS® 99** - Ikeda/Kobo Products: *Isononyl Isononanoate* 5.00%
- **BYO-ASG3** - Kobo Products: *Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid* 4.00%
- **BRO-ASG3** - Kobo Products: *Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid* 0.70%
- **BBO-ASG3** - Kobo Products: *Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid* 0.30%

Part 2

- **Ozoquerita** - Cosmotec: *Ozokerite Wax* 6.00%
- **PM WAX 82** - Kobo Products: *Polyethylene (And) Microcrystalline Wax* 6.00%
- **KOBOGUARD® HRPC** - Kobo Products: *Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol* 5.00%
- **COSMOL™ 168ARV** - Ikeda/Kobo Products:
Dipentaerythrityl Hexahydroxystearate/Hexastearate/Hexarosinate 3.00%

Part 3

- **MST-547** - Kobo Products: *Polymethylsilsesquioxane* 10.00%
- **MSS-500W** - Kobo Products: *Silica* 8.00%

Part 4

- **Xiameter PMX-0245** - Dow Corning: *Cyclopentasiloxane* 14.00%

Manufacturing Procedure

1. Combine Part 1 and heat to 85°C. Mix until complete dispersion of the pigments.
2. Add Parts 2 and 3..
3. Add Part 4 at 75°C.
4. Pour into components.

Description

This Compact Foundation has a creamy feel and medium coverage leaving a natural finish on the skin. It features ASG treated pigments, that provide the creamy feel and ease the process of dispersion. KOBOGUARD® HRPC is an oil phase resin that improves long wear. The combination of microspheres MST-547 and MSS-500W provides soft focus and matte effect. PM WAX 82 is a combination of waxes that gives structure to the formula. COSMOL™ 168ARV is a lanoline replacement with superior oxidative stability, miscibility, water retaining ability, luster, and emollient capabilities. SALACOS® 99 is a light ester that helps with spreadability.

KOBO

ASG Treatment

www.koboproducts.com